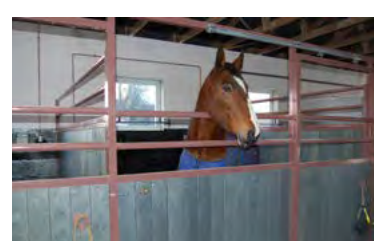
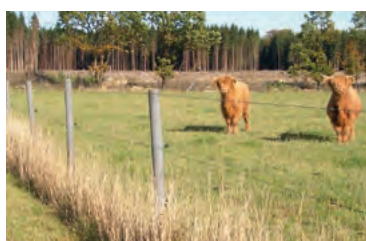




hanit®-Products for  
**AGRICULTURE**

ECOLOGICAL RECYCLED PLASTIC MADE IN GERMANY, UK AND CANADA





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SQUARE POST



BOARD PROFILE



Paddock SLAB



# THE CLEVER ALTERNATIVE TO WOOD AND CONCRETE

hanit® RECYCLED PLASTIC MADE IN GERMANY, UK AND CANADA






Each material has its advantages. Unfortunately, they also have their drawbacks.

Wood, for example, is attractive but it can't withstand the rain and cold for long. Time-consuming maintenance helps, but wood can't last forever. Concrete is very durable but it's just too heavy for many applications. Concrete is difficult to transport and as years go by, dirt and water marks take their toll. It can also crack in cold weather and flake. Steel, on the other hand, is incredibly versatile but you have to think about rust - and stainless steel is expensive. The same can be said about new plastics, not to mention the impact on the environment.

And then there's hanit®.

Unlike wood or steel, weather isn't a problem for hanit®. As it's lighter than concrete and cheaper than steel, it's easier on the back and the budget! But best of all, virtually any product can be made out of this high-tech material. Thanks to its unique composition, hanit® can be adapted to almost any application.

 <p>DURABILITY</p>	<ul style="list-style-type: none"> <li>» Weather-resistant</li> <li>» Rot-resistant</li> <li>» Splinter-free and carries low risk of injury</li> <li>» Can be used all year round</li> <li>» Moisture-repellent, does not absorb water and dries quickly</li> </ul>
 <p>LIGHT-WEIGHT</p>	<ul style="list-style-type: none"> <li>» Installation does not require heavy equipment</li> <li>» Higher load capacity</li> <li>» Transport cost savings</li> <li>» Faster installation</li> <li>» Reduced workload</li> </ul>
 <p>ECONOMICAL</p>	<ul style="list-style-type: none"> <li>» Long service life</li> <li>» Resistant to oils, acids, alkalis and salt water</li> <li>» Low maintenance and service costs</li> <li>» Made of high-quality processed secondary plastics (polyolefins)</li> <li>» Excellent price-quality ratio</li> <li>» Perfect construction material, especially for robust profiles and finished products</li> </ul>
 <p>ECO-FRIENDLY</p>	<ul style="list-style-type: none"> <li>» Produced without preservatives</li> <li>» Reduces the strain on landfill, is sustainable and environmentally friendly</li> <li>» 100% Recyclable</li> <li>» Awarded the „BLUE ANGEL“ eco-label</li> <li>» Non-polluting</li> <li>» Non-toxic (safe according to DIN 71, Section 3 Playground Regulation)</li> </ul>
 <p>SIMPLE PROCESSING</p>	<ul style="list-style-type: none"> <li>» Easy to process mechanically (drilling, sawing, screwing, nailing)</li> <li>» Simple modifications can be made on site</li> <li>» Never stain or seal again</li> <li>» No maintenance required</li> </ul>

# ROUND POST

## When it needs to last

Easily achievable, as far as building a fence is concerned. There is no longer a problem with chewing on either paddock or pasture fencing, animal proof fencing. There is also no need to worry about any danger of injuries due to splinters or health hazards due to preservatives. Instead, the posts are weather-resistant, rot and break-proof and extremely durable.

- » Simple installation insulators and tapes/wires
- » No impregnation
- » The standard post for fence building
- » No more post replacement necessary
- » A wise investment



Grey

Brown

Ø 4.5 cm				
Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
Grey	100.0	1.5	SG 045 100	300
Grey	130.0	1.9	SG 045 130	300
Grey	150.0	2.2	SG 045 150	300
Grey	175.0	2.6	SG 045 175	300
Brown	100.0	1.5	SB 045 100	300
Brown	130.0	1.9	SB 045 130	300
Brown	150.0	2.2	SB 045 150	300
Brown	175.0	2.6	SB 045 175	300

Ø 6.0 cm				
Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
Grey	150.0	3.9	SG 060 150	250
Grey	175.0	4.6	SG 060 175	250
Grey	200.0	5.3	SG 060 200	125
Brown	150.0	3.9	SB 060 150	250
Brown	175.0	4.6	SB 060 175	250
Brown	200.0	5.3	SB 060 200	125

Ø 7.0 cm				
Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
Grey	150.0	5.4	SG 070 150	75
Grey	175.0	6.3	SG 070 175	75
Grey	200.0	7.2	SG 070 200	75
Grey	225.0	8.1	SG 070 225	75
Brown	150.0	5.4	SB 070 150	75
Brown	175.0	6.3	SB 070 175	75
Brown	200.0	7.2	SB 070 200	75
Brown	225.0	8.1	SB 070 225	75

**i** Additional dimensions upon request

Ø 8.0 cm				
Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
Grey	150.0	7.0	SG 080 150	60
Grey	175.0	8.2	SG 080 175	60
Grey	200.0	9.3	SG 080 200	60
Grey	225.0	10.5	SG 080 225	60
Grey	250.0	11.7	SG 080 250	60
Brown	150.0	7.0	SB 080 150	60
Brown	175.0	8.2	SB 080 175	60
Brown	200.0	9.3	SB 080 200	60
Brown	225.0	10.5	SB 080 225	60
Brown	250.0	11.7	SB 080 250	60

Ø 10.0 cm				
Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
Grey	150.0	11.0	SG 100 150	33
Grey	175.0	12.8	SG 100 175	33
Grey	200.0	14.6	SG 100 200	33
Grey	230.0	16.8	SG 100 230	33
Grey	250.0	18.3	SG 100 250	33
Grey	280.0	20.4	SG 100 280	33
Grey	290.0	21.5	SG 100 290	33
Brown	150.0	11.0	SB 100 150	33
Brown	175.0	12.8	SB 100 175	33
Brown	200.0	14.6	SB 100 200	33
Brown	230.0	16.8	SB 100 230	33
Brown	250.0	18.3	SB 100 250	33
Brown	280.0	20.4	SB 100 280	33
Brown	290.0	21.5	SB 100 290	33

Products exceeding 225 cm in length are packed on double pallets.  
Packaging units are intended for information only.





**QUALITY IN  
NUMBERS**

**15 MILLION  
hanit® POSTS  
INSTALLED**





# SQUARE POST

With or without reinforcement

hanit® square posts are perfectly suited for building fences. They're consistent, safety conscious and incredibly durable. If you need additional strength, choose the 9 x 9 cm profiles reinforced with steel tubing.

 Grey

 Brown





» Dimensions: 5 x 5 cm, 7 x 7 cm and 9 x 9 cm

» Weather-resistant






» Numerous applications

» Workable like wood











## 5.0 x 5.0 cm

Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
 Grey	125.0	2.77	VG 050 125	240
 Grey	150.0	3.35	VG 050 150	240
 Brown	125.0	2.77	VB 050 125	240
 Brown	150.0	3.35	VB 050 150	240

## 7.0 x 7.0 cm

Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
 Grey	150.0	6.8	VG 070 150	121
 Grey	175.0	8.0	VG 070 175	121
 Grey	200.0	9.1	VG 070 200	121
 Grey	225.0	10.2	VG 070 225	121
 Brown	150.0	6.8	VB 070 150	121
 Brown	175.0	8.0	VB 070 175	121
 Brown	200.0	9.1	VB 070 200	121
 Brown	225.0	10.2	VB 070 225	121

## 9.0 x 9.0 cm

Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
 Grey	150.0	11.3	VG 090 150	90
 Grey	175.0	13.2	VG 090 175	90
 Grey	200.0	15.1	VG 090 200	90
 Grey	225.0	16.9	VG 090 225	90
 Grey	250.0	18.8	VG 090 250	90
 Brown	150.0	11.3	VB 090 150	90
 Brown	175.0	13.2	VB 090 175	90
 Brown	200.0	15.1	VB 090 200	90
 Brown	225.0	16.9	VB 090 225	90
 Brown	250.0	18.8	VB 090 250	90

Products exceeding 200 cm in length, are packed on double pallets. Packaging units are intended for information only.

 Additional dimensions upon request



# CROSS-PROFILE STAKE

## The long-lasting choice

The fixed fence post that can last a lifetime! It doesn't rot or weather and it's also UV-resistant. If you're used to wood posts, you can work with hanit®. No specialised tools required! Fast and easy installation that will last and last and last.

 Grey

 Brown

» Profile dimensions: 7 x 7 cm

» Moisture-resistant

» UV-resistant

» Maintenance-free

» Long service life



### 7.0 x 7.0 cm

Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
 Grey	150.0	2.8	KG 070 150	120
 Grey	175.0	3.3	KG 070 175	120
 Grey	200.0	3.7	KG 070 200	120
 Brown	150.0	2.8	KB 070 150	120
 Brown	175.0	3.3	KB 070 175	120
 Brown	200.0	3.7	KB 070 200	120

Products exceeding 200 cm in length are packed on double pallets.  
Packaging units are intended for information only.

 Additional dimensions upon request





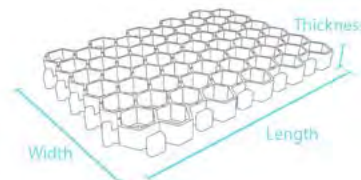
# Paddock Slab

## Mesh structure with connection system

As the name suggests, hanit® paddock slabs are intended for use with animals. As well as paddocks, they can be used for riding arenas, exercise runs and feeding areas. Resistant to frost and UV, the clever connection system locks each slab in place to make sure you'll always be on firm ground.



- » Dimensions: 50 x 40 x 4 cm
- » Quick installation due to light weight
- » Ideal for paddocks, exercise pens, and feeding areas as well as for storage and parking areas
- » Suitable for load class SLW 60 according to DIN 1072



Black

T = 4.0 cm

Colour	Width (cm)	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
Black	40.0	50.0	2.1	PPS 05004 004	100

1 m<sup>2</sup> = approx 5 slabs. Packaging units are intended for information only.

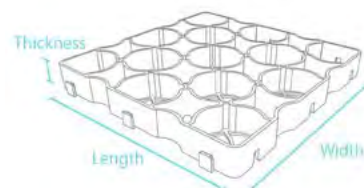
# HANPAVE™

## The permeable parking solution

Hanpave™ is a high performance grid made from recycled plastic. Designed for car-parking, Hanpave™ can be filled with earth or gravel. The structure allows rainwater to pass through at a controlled rate and is SuDS (Sustainable Drainage Systems) regulations compliant. Parking space delineators (fitted white caps) are available as an optional extra.



- » Dimensions: 33.3 x 33.3 x 4 cm
- » Our all-purpose solution for drainage issues
- » Light weight



Black

T = 4.0 cm

Colour	Width (cm)	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
Black	33.3	33.3	0.5	INT 0 100	504

Marking element

Colour	Weight (approx. kg)	Order No
White	0.1	INT 0 110

1 m<sup>2</sup> = approx 9 panels. Complete packaging units are packed on non-returnable pallets. Packaging units are intended for information only.

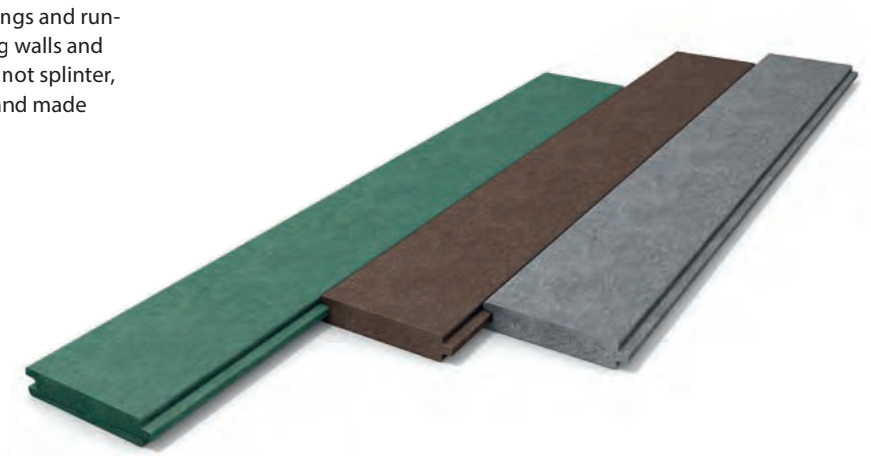


# BOARD PROFILE

With tongue and groove, great for stalls and stables

hanit® profiles are available in pre-cut lengths and are perfect for stables, riding arenas, horse walkers, lunging rings and run-outs. They can also be used for front walls, dividing walls and door linings. hanit® tongue and groove boards do not splinter, are resistant to chewing, easy to clean, non-toxic and made without any hazardous preservatives.

- » Maximum length: 280 cm
- » Profile dimensions: 2.8 x 13 cm and 3.8 x 13 cm
- » Perfect for stable building
- » Resistant to chewing
- » No hazardous preservatives



## 2.8 x 13.0 cm

Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
Grey	280.0	9.5	NG 28 130	120
Brown	280.0	9.5	NB 28 130	120
Green	280.0	9.5	NM 28 130	120

## 3.8 x 13.0 cm

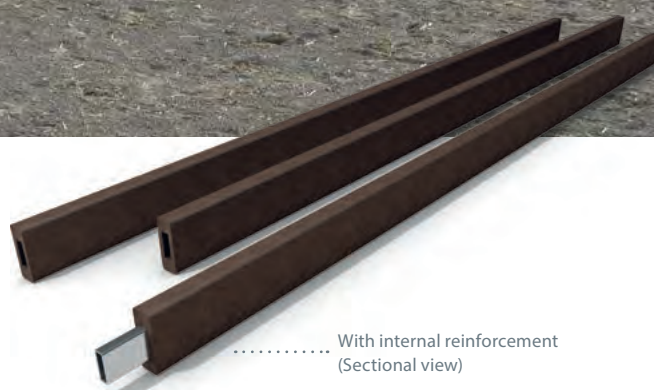
Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
Grey	280.0	13.0	NG 38 130	120
Brown	280.0	13.0	NB 38 130	120
Green	280.0	13.0	NM 38 130	120



## BOARD PROFILE

It can't be more solid

Your profile when it comes to fence construction. Whether pasture or paddock, partition or railings, the problem, you'll no longer have to consider is weathering. Just as little as you won't have to deal with the danger of chewing, risk of injury due to splinters or health hazards from impregnated materials. The boards are highly stable, rot and break resistant, as well as extremely long lasting.



With internal reinforcement  
(Sectional view)

- » **Board dimensions: 4.2 x 12 x 250 cm**
- » **Internally reinforced to increase stability**
- » **Perfect for spanning greater distances**
- » **Resistant to chewing**
- » **Can be used like wood**

 *Brown*



### 4.2 x 12.0 cm

Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
 Brown	250.0	14.2	BBE 4212 250	60

Packaging units are intended for information only. Products exceeding 200 cm in length are packed on double pallets.

**i** We recommend using our 9 x 9 cm square posts for your installation (page 6). Our experts would be pleased to assist you in the planning of your fencing project.





# PADDOCK RAILS

## The integrated railing system

Our ingeniously simple solution for rails and barriers consists of just two things, vertical posts and cross-bars. The posts are concreted into place then cross-bars are pushed easily into the ready-made recesses and bolted into place. Corners and direction changes can be easily achieved through the installation of two end posts.



With internal reinforcement  
(Sectional view)

- » Post dimensions: 12 x 12 x 150 cm
- » Cross-bar dimensions 8 x 225 cm
- » Rails with a modular design
- » One investment – long-term benefit
- » Ideal for animal enclosures

Grey

Brown

### Field post

Colour	Thickness (cm)	Width (cm)	Length (cm)	Weight (approx. kg)	Order No
Grey	12.0	12.0	150.0	20.1	RGA 120 150
Brown	12.0	12.0	150.0	20.1	RBA 120 150

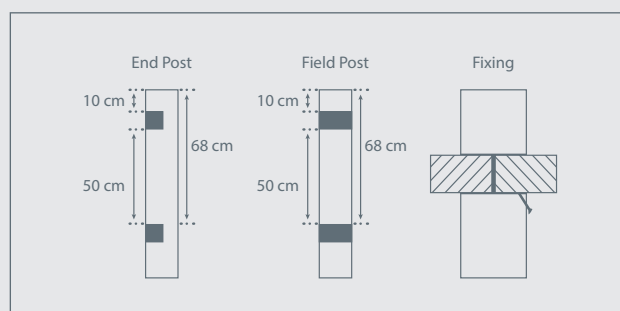
### End post

Colour	Thickness (cm)	Width (cm)	Length (cm)	Weight (approx. kg)	Order No
Grey	12.0	12.0	150.0	20.1	RGB 120 150
Brown	12.0	12.0	150.0	20.1	RBB 120 150

Caution: Please observe relevant regulations when used as handrails.

### Cross-bar with reinforcement

Colour	Ø (cm)	Length (cm)	Weight (approx. kg)	Order No
Grey	8.0	225.0	12.0	PGE 080 225
Brown	8.0	225.0	12.0	PBE 080 225

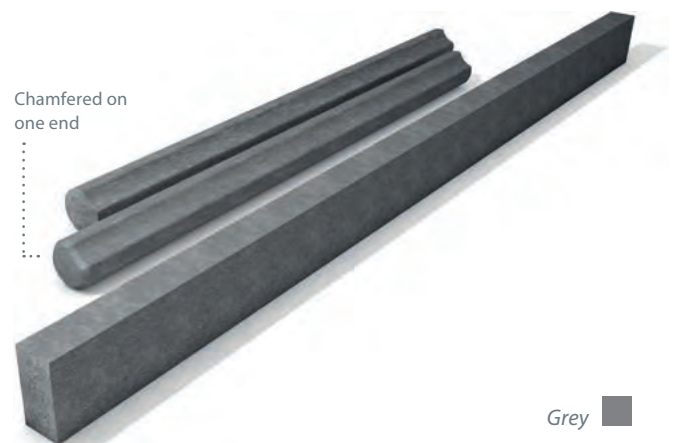


# STALL DIVIDERS

## Perfect for the application

With these profiles, you can divide your stalls safely and securely. hanit® recycled plastic products are guaranteed to be splinter-free. The material cannot not absorb any faecal matter or moisture as it is made of 100% recycled plastic.

- » Simple installation, no inconvenient formwork
- » No sharp edges, no splinters
- » Maintenance free, resistant to moisture and faeces



### OGEE PALISADES

Ø 11.0 cm, Solid profile				
Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
■ Grey	160.0	13.2	HG 110 160	70
■ Grey	180.0	14.9	HG 110 180	70
■ Brown	160.0	13.2	HB 110 160	70
■ Brown	180.0	14.9	HB 110 180	70

Packaging units are intended for information only. Products exceeding 200 cm in length are packed on double pallets.

### BEAMS

8.0 x 16.0 cm				
Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
■ Grey	200.0	23.8	RG 0816 200	30
■ Grey	250.0	29.8	RG 0816 250	30
■ Grey	300.0	35.7	RG 0816 300	30
■ Brown	200.0	23.8	RB 0816 200	30
■ Brown	250.0	29.8	RB 0816 250	30
■ Brown	300.0	35.7	RB 0816 300	30

8.0 x 23.0 cm				
Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
■ Grey	200.0	34.2	RG 0823 200	30
■ Grey	250.0	42.5	RG 0823 250	30
■ Grey	300.0	51.0	RG 0823 300	30
■ Brown	200.0	34.2	RB 0823 200	30
■ Brown	250.0	42.5	RB 0823 250	30
■ Brown	300.0	51.0	RB 0823 300	30



# RIDING AREA EDGING

## Tough as nails

Riding area edging made of hanit® even tolerates hard kicks and keeps the ground covering in place. Rain, frost and UV rays have little affect on it. Thanks to the beveled edges and splinter-free material, a horse's foot is protected if they make contact.

- » For individual borders of riding areas
- » Quick and easy to install
- » Rot resistant, highly stable



### OGEE PALISADES

Ø 20.0 cm, Solid profile				
Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
■ Grey	200.0	52.2	HG 200 200	16
■ Grey	225.0	58.7	HG 200 225	16
■ Grey	250.0	65.2	HG 200 250	16
■ Brown	200.0	52.2	HB 200 200	16
■ Brown	225.0	58.7	HB 200 225	16
■ Brown	250.0	65.2	HB 200 250	16

### U-PROFILE

16.0 x 24.0 cm, standard profile				
Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
■ Grey	150.0	34.3	RGH 1624 150	18
■ Grey	300.0	68.6	RGH 1624 300	18
■ Brown	150.0	34.3	RBH 1624 150	18
■ Brown	300.0	68.6	RBH 1624 300	18

16.0 x 24.0 cm, end profile				
Colour	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
■ Grey	150.0	34.9	EGH 1624 150	18
■ Grey	300.0	69.2	EGH 1624 300	18
■ Brown	150.0	34.9	EBH 1624 150	18
■ Brown	300.0	69.2	EBH 1624 300	18

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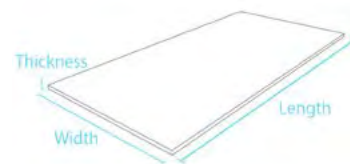
**i** For connection of the U-profiles and for fastening to the substrate, additional hanit® square profiles and palisades are needed, as well fixings.

# STANDARD SHEET

## A better alternative

hanit® standard sheets can be seen as the blank slates of our product range. Whether panelling for kids' climbing frames or protective barriers and panels in agriculture, hanit® standard sheets have almost unlimited uses. NB: due to the properties of the material, surface, colour and measurements can vary.

- » Thickness: 2.5 cm
- » Sizes: 100 x 100 cm and 105 x 205 cm
- » Multiple uses
- » Easy to handle
- » No dangerous preservatives



Grey

T = 2.5 cm

Colour	Width (cm)	Length (cm)	Weight (approx. kg)	Order No	Qty/Pal
■ Grey	100.0	100.0	23.2	POG 100100 025	20
■ Grey	105.0	205.0	51.0	POG 200100 025	10

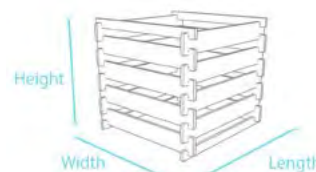
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# MODULAR COMPOSTER

## For compact composting

We've learnt a lot about reclaiming valuable raw material from waste: that's why we developed composters. Compost creates heat and moisture so materials need to be chosen carefully. Wooden composters begin to decay and steel starts to rust. That's why we love hanit® composters: the rot- and moisture-resistant choice.

- » Dimensions (LxWxH): 100 x 100 x 90 cm
- » Capacity: 650 l
- » Weatherproof, maintenance-free, durable
- » Material and application match perfectly
- » Easy assembly



Brown

Type 650, approx. 650 l

Colour	Dimensions W x L x H (approx. cm)	Weight (approx. kg)	Order No
■ Brown	100 x 100 x 90	56.0	SKB 100 090

Delivered as a kit excluding base.



# PROCESSING GUIDELINES

hanit® products can be processed as necessary with conventional tools and machinery used in wood and metal processing. In general, machining of profiles causes higher tool wear. We therefore recommend the use of carbide-tipped tools.



SAWING & CUTTING



DEBURRING



PLANING



DRILLING



ROUTING

## TIPS FOR PROCESSING RECYCLED PROFILES



When bolting recycled profiles together, the profile to be fastened must be pre-drilled (e.g. boards, footpath, square profiles). The hole must be larger than the bolt. Elongated slots are recommended to account for the temperature-related expansion of the material.



Recycled profiles are only partially paintable due to their properties. Good results have been obtained using permanently elastic plastic paints (all-weather paints) together with a roughened surface and priming. Permanent paint adhesion cannot be guaranteed.



hanit® products can be nailed both conventionally and with nail guns. Due to the compact surface, it is, however, more difficult to penetrate the profiles than it would be with wood. Please take this into consideration when installing.



Compared to wood or metal products, plastic has lower stiffness and greater flexibility. These special material properties must be observed accordingly when planning distance between supports in dock, fence, and patio construction.



If using a hammer, we recommend using a ram or a corner protector to prevent damage to the product.



Boards, beams, and square profiles must not be press-fitted. The profiles may exhibit length variations of +/- 1.5% due to temperature fluctuations. An expansion gap must therefore be maintained during installation.



Sunlight affects the profile alignment, and can, for example, cause fence posts to tilt. To prevent profile distortion caused by sunlight, the profiles should not be stored loosely.



We have structural verification tests, installation recommendations, and mounting instructions for many products and applications. For more information please visit [www.hahnplastics.com](http://www.hahnplastics.com)

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BUILDING AND CONSTRUCTION



FENCING AND BARRIERS



GROUNDWORK AND SURFACES



OUTDOOR SPACES AND FURNITURE



HAHN Kunststoffe GmbH has been  
certified and authorised to use the "Blue Angel"  
eco-label since 2005.